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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number 10/566,625

Filing Date 30 January 2006

First Named Inventor Klaus, Stephen J.

Art Unit Unassigned

Examiner Name Unassigned

Attorney Docket Number FP0617 US

Sheet

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/OO/	CA	DOVER, George J., "Induction of Fetal Hemoglobin Production in Subjects with Sickle Cell Anemia by Oral Sodium Phenylbutyrate," Blood, W.B. Saunders, Philadelphia, PA. U.S., 7/1/1994, Vol. 84, No. 1, pgs. 339-343	
/OO/	CB	PERRINE, Susan P., et al., "Sodium Butyrate Enhances Fetal Globin Gene Expression in Erythroid Progenitors of Patients with Hb SS and Beta Thalassemia," Blood, W.B. Saunders, Philadelphia, PA. U.S., 7/1/89, Vol. 74, No. 1, pgs. 454-459	
/OO/	CC	RODGERS, Griffin P., et al., "Novel Treatment Options in the Severe Beta-Globin Disorders," British Journal of Haematology, Oxford, Great Britain, 1995, Vol. 91, No. 2, pgs. 263-268	

Examiner
Signature

/Oluwatosin Ogundbiyi/

Date
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12/28/2007

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Sheet 1 of 5

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/00/	AA	US- 4,822,821	04-18-1989	Perrine, Susan	
	AB	US- 5,700,640-A	12-23-1997	Voss, et al.	
	AC	US- 6,011,000-A	01-04-2000	Perrine, et al.	
	AD	US- 6,218,122-B1	04-17-2001	Friend, et al.	
	AE	US- 6,231,880-B1	05-15-2001	Perrine, Susan	
	AF	US- 6,331,564-B1	12-18-2001	Brugnara, et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Or Relevant Figures Appear	T ⁶
/00/	BA	WO - 93/18761 - A1	09-30-1993	Child Hosp Med Ctr Nor CA		
/00/	BB	WO - 96/08242 - A3	03-21-1996	Children's Med Ctr Corp		
/00/	BC	WO - 99/24034 - A1	05-20-1999	Children's Med Ctr Corp		
/00/	BD	WO - 03/049686 - A2	06-19-2003	FibroGen, Inc.		

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/OO/	CA	ADDAE, S., et al., "Survival of Patients With Sickle Cell Anemia Living at High Altitude," South Med J, 1990, Vol. 83, No. 4, p. 487.	
	CB	AL-KHATTI, A., et al., "Erythropoietin Stimulates F-Reticulocyte Formation in Sickle Cell Anemia," Trans. Assoc. Am. Physicians, 1988, Vol. 101, pp. 54-61.	
	CC	BARD, Harry, et al., "Hypoxemia and Increased Fetal Hemoglobin Synthesis," J Pediatrics, 1994, Vol. 124, No. 6, pp. 941-943.	
	CD	BICKEL, Martin, et al., "Selective Inhibition of Hepatic Collagen Accumulation in Experimental Liver Fibrosis in Rats by a New Prolyl 4-Hydroxylase Inhibitor," Hepatology, 1998, Vol. 28, No. 2, pp. 404-411.	
	CE	BLAU, Anthony, et al., "Fetal Hemoglobin Induction With Butyric Acid: Efficacy and Toxicity," Blood, 1993, Vol. 81, No. 2, pp. 529-537.	
	CF	CHARACHE, Samuel, et al., "Hydroxyurea-Induced Augmentation of Fetal Hemoglobin Production in Patients With Sickle Cell Anemia," Blood, 1987, Vol. 69, No. 1, pp. 109-116.	
	CG	CHARACHE, Samuel, et al., "Effect of Hydroxyurea on the Frequency of Painful Crises in Sickle Cell Anemia," N Engl J Med, 1995, Vol. 332, No. 20, pp. 1317-1322.	
	CH	COKIC, Vlado P., et al., "Hydroxyurea Induces Fetal Hemoglobin by the Nitric Oxide-Dependent Activation of Soluble Guanytyl Cyclase," J Clin Invest, 2003, Vol. 111, No. 2, pp. 231-239.	
	CI	CONSTANTOULAKIS, P., et al., "On the Induction of Fetal Hemoglobin by Butyrates: In Vivo and In Vitro Studies With Sodium Butyrate and Comparison of Combination Treatments With 5-AzaC and AraC," Blood, 1989, Vol. 74, No. 6, pp. 1963-1971.	
↓	CJ	DESIMONE, Joseph, et al., "Stimulation of Fetal Hemoglobin Synthesis in Baboons by Hemolysis and Hypoxia," Proc. Natl. Acad. Sci. USA, 1978, Vol. 75, No. 6, pp. 2937-2940.	

Examiner Signature	/Oluwatosin Ogunbiyi/	Date Considered	12/28/2007
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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known			
		Application Number	10/566,625		
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		First Named Inventor	Klaus, Stephen J.		
		Art Unit	Unassigned		
		Examiner Name	Unassigned		
Sheet	3	of	5	Attorney Docket Number	FP0617 US

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/OO/	CK	DESIMONE, Joseph, et al., "Maintenance of Fetal Hemoglobin (HbF) Elevations in the Baboon by Prolonged Erythropoietic Stress," Blood, 1982, Vol. 60, No. 2, pp. 519-523.	
	CL	DESIMONE, Joseph, et al., "Maintenance of Elevated Fetal Hemoglobin Levels by Decitabine During Dose Interval Treatment of Sickle Cell Anemia," Blood, 2002, Vol. 99, No. 11, pp. 3905-3908.	
	CM	FIBACH, Eitan, et al., "Enhanced Fetal Hemoglobin Production by Phenylacetate and 4-Phenylbutyrate in Erythroid Precursors Derived From Normal Donors and Patients With Sickle Cell Anemia and α -Thalassemia," Blood, 1993, Vol. 82, No. 7, pp. 2203-2209.	
	CN	FIBACH, Eitan, et al., "Mithramycin Induces Fetal Hemoglobin Production in Normal and Thalassemic Human Erythroid Precursor Cells," Blood, 2003, Vol. 102, No. 4, pp. 1276-1281.	
	CO	FRANKLIN, Trevor J., et al., "Approaches to the Design of Anti-Fibrotic Drugs," Biochem Soc Trans, 1991, Vol. 19, pp. 812-815.	
	CP	FRANKLIN, Trevor J., et al., "Inhibition of Prolyl 4-Hydroxylase In Vitro and In Vivo by Members of a Novel Series of Phenanthrolinones," Biochem J, 2001, Vol. 353, pp. 333-338.	
	CQ	FRIEDMAN, Lisa, et al., "Prolyl 4-Hydroxylase is Required for Viability and Morphogenesis in Caenorhabditis elegans," PNAS, 2000, Vol. 97, No. 9, pp. 4736-4741.	
	CR	GABBIANELLI, Marco, et al., "Granulocyte-Macrophage Colony-Stimulating Factor Reactivates Fetal Hemoglobin Synthesis in Erythroblast Clones From Normal Adults," Blood, 1989, Vol. 74, No. 8, pp. 2657-2667.	
	CS	GABBIANELLI, Marco, et al., "Hemoglobin Switching in Unicellular Erythroid Culture of Sibling Erythroid Burst-Forming Units: Kit Ligand Induces a Dose-Dependent Fetal Hemoglobin Reactivation Potentiated by Sodium Butyrate," Blood, 2000, Vol. 95, No. 11, pp. 3555-3561	
	CT	JIANG, Jinjie, et al., "In Vivo Production of Nitric Oxide in Rats After Administration of Hydroxyurea," Mol Pharmacol, 1997, Vol. 52, pp. 1081-1086	

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/00/	CU	KIVIRIKKO, Kari I., et al., "Prolyl 4- Hydroxylases and Their Protein Disulfide Isomerase Subunit," Matrix Biol, 1997, Vol. 16, pp. 357-368.	
	CV	LETVIN, Norman L., et al., "Augmentation of Fetal-Hemoglobin Production in Anemic Monkeys by Hydroxyurea," N Engl J Med, 1984, Vol. 310, No. 14, pp. 869-873.	
	CW	LEY, Timothy J., et al., "Induction of Hemoglobin F Synthesis in Patients With β - Thalassemia," Annu Rev Med, 1985, Vol. 36, pp. 485-498.	
	CX	LEY, Timothy J., et al., "5-Azacytidine Selectively Increases γ -globin Synthesis in a Patient With β + Thalassemia," N Engl J Med, 1982, Vol. 307, No. 24, pp. 1469-1475.	
	CY	MAJAMAA, Kari, et al., "The 2-Oxoglutarate Binding Site of Prolyl 4-Hydroxylase," Eur J Biochem, 1984, Vol. 138, pp. 239-245.	
	CZ	MAJAMAA, Kari, et al., "Differences Between Collagen Hydroxylases and 2-Oxoglutarate Dehydrogenase in Their Inhibition by Structural Analogues of 2-Oxyglutarate," Biochem J, 1985, Vol. 229, pp. 127-133.	
	CAA	MIGLIACCIO, Anna R., et al., "Influence of Recombinant Hematopoietin and of Fetal Bovine Serum on the Globin Synthetic Pattern of Human BFUe," Blood, 1990, Vol. 76, No. 6, pp. 1150-1157.	
	CBB	MILLER, Barbara A., et al., "High Fetal Hemoglobin Production in Sickle Cell Anemia in the Eastern Province of Saudi Arabia Is Genetically Determined," Blood, 1986, Vol. 67, No. 5, pp. 1404-1410.	
	CCC	MILLER, Barbara A., et al., "Influence of Steel Factor on Hemoglobin Synthesis in Sickle Cell Disease," Blood, 1992, Vol. 79, No. 7, pp. 1861-1868.	
✓	CDD	PARTINGTON, G.A., et al., "Human Globin Gene Transcription in Injected Xenopus Oocytes: Enhancement by Sodium Butyrate," EMBO J, 1984, Vol. 3, No. 12, pp. 2787-2792.	

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100/	CEE	PEMBREY, M.E., et al., "Fetal Haemoglobin Production and the Sickle Gene in the Oases of Eastern Saudi Arabia," Br J Haematology, 1978, Vol. 40, pp. 415-429.	
	CFF	PERRINE, Susan P., et al., "Butyric Acid Analogues Augment γ -Globin Gene Expression in Neonatal Erythroid Progenitors," Biochem Biophys Res Comm, 1987, Vol. 148, No. 2, pp. 694-700.	
	CGG	PERRINE, Susan P., et al., "Butyrate Infusions in the Ovine Fetus Delay the Biologic Clock for Globin Gene Switching," Proc. Natl. Acad. Sci. USA, 1988, Vol. 85, pp. 8540-8542.	
	CHH	PERRINE, Susan P., et al., "A Short-Term Trial of Butyrate to Stimulate Fetal-Globin-Genes Expression in the β -Globin Disorders," N Engl J Med, 1993, Vol. 328, No. 2, pp. 81-86.	
	CII	RODGERS, Griffin P., et al., "Augmentation by Erythropoietin of the Fetal-Hemoglobin Response to Hydroxyurea in Sickle Cell Disease," N Engl J Med, 1993, Vol. 328, No. 2, pp. 73-80.	
	CJJ	SAFAYA, S., et al., "Augmentation of γ -Globin Gene Promoter Activity by Carboxylic Acids and Components of the Human β -Globin Locus Control Region," Blood, 1994, Vol. 84, No. 11, pp. 3929-3935.	
	CKK	STAMATOYANNOPOULUS, George, et al., "Fetal-Hemoglobin Induction by Acetate, a Product of Butyrate Catabolism," Blood, 1994, Vol. 84, No. 9, pp. 3198-3204.	
	CLL	WEINBERG, R.S., et al., "Low Oxygen Enhances Sickle and Normal Erythropoiesis and Fetal Hemoglobin Synthesis In Vitro," Hemoglobin, 1995, Vol. 19, No. 5, pp. 263-275.	
	CMM	WELFORD, Richard W.D., et al., "The Selectivity and Inhibition of AlkB," J Bio Chem, 2003, Vol. 278, No. 12, pp. 10157-10161.	
↓	CNN	WOOD, W.G., et al., "Developmental Genetics of the Human Haemoglobins," Biochem J., 1983, Vol. 215, pp. 1-10.	

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